

DIAGNOSING AND TREATING CANCER CELLS USING Sal2

Abstract of the Disclosure

The invention features the analysis of Sal2 nucleic acids and proteins for diagnosing and treating patients having proliferative disorders, including cancer,

- 5 involving mutations in a *Sal2* gene and encoded protein. The invention also includes transgenic and knockout mice including Sal2 nucleic acids or proteins and mutants thereof. Furthermore, the invention features a method of killing cells carrying a Sal2 alteration using a T-HR mutant.

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